Ontario

Ministry of
Transportation and
Communications

Transportation
Technology and
Energy Branch

Mandate, Objectives and Networking Contacts

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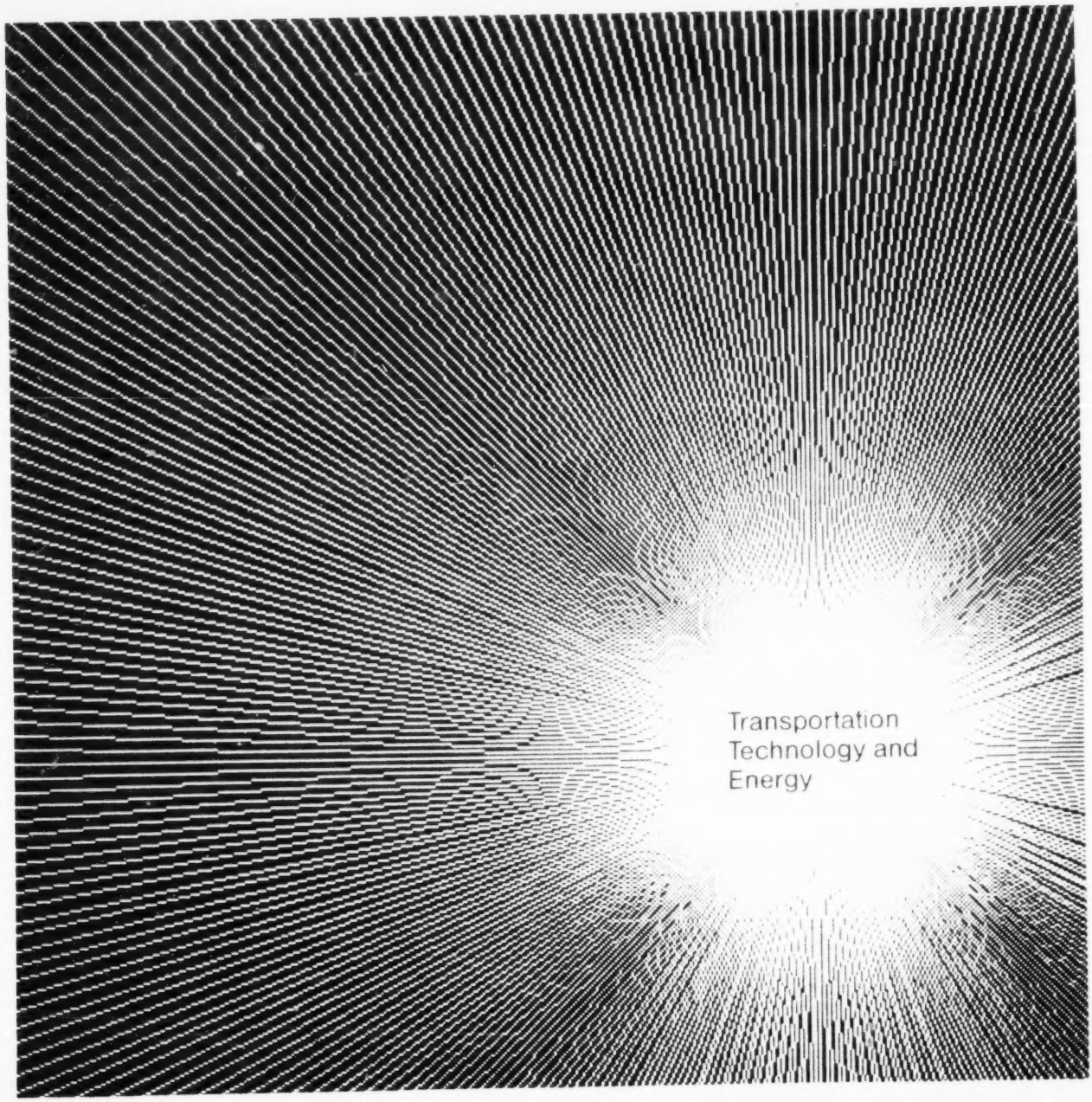

Mandate, Objectives and Networking Contacts

A.G. Stermac
Director
Transportation Technology and Energy Branch

May 1985
Revised December 1985

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TECHNOLOGY AND ENERGY BRANCH

MANDATE

To conduct and promote research, development and application of transportation and energy technologies and systems which:

- improve the efficiency and effectiveness of Ontario transportation systems;
- support the transportation industry; and
- foster economic growth.

THE AUTOMOTIVE TECHNOLOGY

AND SYSTEMS

OFFICE

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE

MANDATE

To conduct and promote research, development and application of automotive and energy technologies and systems which:

- improve the efficiency and effectiveness of Ontario transportation systems;
- support the transportation industry; and
- foster economic growth.

OBJECTIVES

Automotive Energy

To assist the Ontario government and transportation industry in the development and demonstration of a range of technologies which efficiently utilize alternative fuels

- by researching the basic characteristics of alternative fuels;
- by demonstrating the use of alternative fuels in automobiles, trucks and buses; and
- by conducting studies which evaluate the use of alternative fuels in the automotive sector and new applications.

Commercial Vehicles

To increase the productivity and safety of the trucking industry

- by researching the factors affecting the stability and handling of truck combinations; and
- by providing technical expertise in the development of vehicle regulations to the Safety and Regulation Program.

Electric Vehicles

To support Ontario's electric van program

- by researching, testing and demonstrating electric vehicles.

To conduct studies which evaluate the various technologies being developed for or related to electric vehicles.

Experimental Testing

To support the testing needs of the Ministry and to assist economic growth within the transportation industry

- by providing a Ministry Resource Centre to test and develop instrumentation packages;

- by providing the Ministry with a central laboratory specializing in testing techniques; and

- by providing expert advice on data acquisition and measurement methods.

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ COMMERCIAL VEHICLES			
INTERNAL			
Vehicle Standards	M. Hattin	Manager	248-3548
Safety Coor.& Dev. Off.	H. Cooper	Manager	248-3548
Operating Policy	W. Greer	Co-ord., Driver Opr. Dev.	248-3967
Operating Policy & Stds.	B. Brannen	Manager	248-7151
Weights & Dimensions	B. Davis	Manager	248-3702
Compliance Branch	B. Keen	Director	248-7154
R & D Branch	B. Phang	Principal Res. Engineer	248-3355
	B. Bakht	Principal Res. Engineer	248-3355
EXTERNAL			
UMTRI	R.D. Ervin	Asst. Head, Eng. Research Division	(313)764-2168
OTA	S.M. Gibson	Dir., Pub. Affairs	249-7401
NRC	J. Woodrooffe	Research Office	(613)998-9639
US DoT	R.M. Clarke	Safety Engineer	(202)426-4558
Concordia University	S. Sankar	Prof., Mech. Eng.	(514)879-4565
Transport Canada	R.N. Sabounghi	Sr. Development Off.	(514)283-7682
	C. Wilson	Dir., Safety	(514)998-1968
	E. Welbourne	Chief, Veh. Syst.	(514)998-1947
	T.A. Faith		(613)995-7293
	W.K. Ngg	Road Safety	(613)992-0077

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ COMMERCIAL VEHICLES (Cont'd)			
EXTERNAL			
U. of Carlton	J.Y. Wong	Prof., Mech. & Aero. Eng.	(612)231-4317
Bendix	J.H. Shantz	Marketing Representative	453-2587
ASTL	N. Royce-Curry	President	842-0010
Alberta Trans.	R.O. Houston	Transport Engineer	(403)340-5294
Reg. of Auto. of Quebec	B. LeFrancois		(418)643-5548
U. of Waterloo	R. Green	Professor Civil Eng.	(519)885-1211
Trans. Agency of Saskatchewan	N. Burns	Director	(306)565-5535
RTAC	J.R. Pearson	Sr. Prog. Engineer	(613)521-4052
2/AUTOMOTIVE ENERGY			
INTERNAL			
Vehicle Standards	M. Hattin	Manager	248-3548
TEMP	V. Soots	Manager	248-7191
Equipment	K. Forker	Manager	248-3231
	R. Covello	New Equip. Manager	248-3231
Veh. Purchasing	J. Malloy	Senior Buyer	248-3841
Transit	M. Ernesaks	Manager	248-3785
Library	N. Searson	Reference	248-3591

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ AUTOMOTIVE ENERGY (Cont'd)			
INTERNAL			
Legal Services	T. Graham	Solicitor/Contracts	248-3617
Pub. Safety Info.	O.I. Harron	Manager	248-3501
EXTERNAL			
ORF	W. Goetz	Mgr., Motive Pow. Tech.	822-4111
	A. Lawson	Manager, ATF Res.	822-4111
Sunoco	R. Routley	Bus. Dev. Mgr.	924-4111
	R.D. Mathieson	Bus. Dev. Supt.	924-4111
Shell Res. Centre	D.K. Mitchell	Res. Engineer	827-1141
	C. Britton	Mgr., Research	827-1141
Esso (Sarnia)	J.M. Smith	Res. Engineer	(863)339-4723
Celanese	R. Colledge	Mgr., Chem. & Ind. Prod.	276-9333
Trans. Can. Plns.	E. Ryan	Mgr., Energy Prod.	869-2324
Alberta Gas	J. Rimmer	Eastern Reg. Mgr.	521-9744
Union Gas	M. Grant	Trans. Manager	(519)352-3100
	B. Rogers	Mgr., MGV	(519)436-4576
	A. Lambert	General Manager	(812)352-3100
Consumers' Gas	D. Powerie	Proj. Leader	495-5692
	M. McCall	Mgr., Research & Dev.	492-5271
	G. Kohli	Director	492-4111
CNG	G. Tsushima	Manager	259-6357
CGA	J. Overall	Asst. Dir., Research	447-6465

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ AUTOMOTIVE ENERGY (Cont'd)			
EXTERNAL			
Energy, Mines & Res.	W. Chafe	ATF Sr. Policy Adv.	(821)995-9447
	B. James	Mgr., ATF	(821)995-9447
	R. Sage	Chief, Alt. Fuels	(821)995-9447
	G. Maund		(821)995-9447
	R. Lafluer	Head., Anal. Sect.	(821)996-4570
	S. Stevens	Proj. Advisor	(821)966-8485
Transport Canada	V. Battista	Res. Engineer	(821)992-0077
	B. Mayes	Director General	(821)992-7990
	T. Rudback	Executive Director	(514)283-0001
	M. Brenckmann	Director	(821)998-1817
Min. of Envir.	I. Rohac		965-4493
Min. of Energy	G. Olah	Manager	965-0367
	B. Grevin	Head, Res. Program	965-8901
Ford	R. Bright	Dir., Environment	845-2511
GM Canada	A. Grando	Mgr., Alt. Fuels	644-3474
Manitoba Res.	D. Mathers	Mgr., ATF Res.	(204)255-9603
Hamilton St. R.W.	R. Duncan	Dir., Engineering	527-4441
Mississauga Trans.	J. Coltson	Manager	279-1900
Kitchener Transit	R. Kavelman	Manager	(519)885-7347
TTC	I. Hendry	Gen. Supt., Eng.	524-9511
London Transit	G. Arblaster	Manager	(519)451-1340
Fiba Canning	J. Hutzel	General Manager	(519)299-1142

AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ AUTOMOTIVE ENERGY (Cont'd)			
EXTERNAL			
U. of Toronto	J.F. Kefter	Professor	978-6728
	Dr. L. Segal	Res. Assoc.	978-3447
	Prof. Wallace	Professor	978-0304
	Dr. D. Mackay	Prof., Chem. Eng.	978-4019
EPA	M. Korth	Manager	(313)668-4200
NRC	M. Friend	Project Manager	(613)993-2095
	Dr. R. White	Director	(613)993-2095
MCCR	A. Gooch	Manager	239-2948
UTDC	S. Smith		(823)384-3100
	E. Brezina		961-9569
	J. Stannard	Project Mgr.	(823)384-3100
OC Transpo	P. Newgard	Equipment Mgr.	(613)741-6440
	B. Jenkins	Equipment Eng.	(613)741-6440
RMC	M. Bardon	Mech. Eng.	(823)545-7376
	S. Barton	Chem. Eng.	(823)545-7457
	D. Quinn	Chem. Eng.	(823)545-7318
OCAPT	M. Melconian	Manager	688-4111
ICG	G. Hrynyk	Manager	667-0770
3/ ELECTRIC VEHICLES			
EXTERNAL			
GO-ALRT	N. Kuster	Mgr., Operating Equip.	630-7990
	A. Robinson	Mgr., ALRT Equip.	630-7990
MCL	J. Parker	Spec. Assist. to Pres.	(823)384-3100
OCAPT	M. Melconian	E.V. Program Manager	(819)688-2600

TRANSPORTATION

ENERGY

OFFICE

TRANSPORTATION ENERGY OFFICE

MANDATE

To promote research, development and application of energy conservation measures and promote the use of alternative fuels in order to:

- improve the efficiency and effectiveness of Ontario transportation systems;
- support the transportation industry; and
- foster economic growth.

To be MTC's contact with the Ministry of Energy on all matters relating to transportation energy.

OBJECTIVES

To assist and encourage Ontario government and industry to implement and use transportation energy conservation measures and to lessen their dependence on oil through initiatives that:

- improve the efficiency of transportation technology;
- improve the efficiency of transportation operations;
- increase the use of more efficient modes of transportation;
- increase the use of alternatives to oil; and
- reduce travel requirements.

The program to achieve this objective is carried out through five sub-programs with the following objectives:

Municipal

To increase energy efficiency of transportation systems and their operations within municipal jurisdiction:

- the public street, traffic and transit systems
- municipal fleets, their operations and maintenance
- road construction and maintenance
- land use planning

To increase vehicle occupancy of commuter trips through the establishment of carpool and vanpool activities to save energy and make better use of the existing road network.

DriveSave

To improve the fuel economy achieved by Ontario drivers operating automobiles and light trucks in three target goups:

- commercial and institutional vehicle fleets
- beginner drivers
- general licensed drivers

Trucksave

To improve the level of fuel efficiency of truck transportation in Ontario (8200 kg gross weight and over):

- private carriers
- for-hire

Government Programs

To co-ordinate the efforts of, and provide guidance to, government fleets in the area of transportation energy management. This, in turn, will reduce government costs and set an example to the private sector.

To co-ordinate the efforts of, and provide guidance to, all government ministries in the development and production of operational plans to control and minimize the impact of a shortage of petroleum.

AFT Marketing

To facilitate and promote the use of alternative transportation fuels in Ontario's transportation sector.

TRANSPORTATION ENERGY OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ ENERGY, GENERAL			
INTERNAL			
Pub. & Safety Info. Branch	F. Cederberg	Director	248-3501
	O.I. Harron	Manager	248-3501
Communications Div.	D.A. Barr	Exec. Director	248-3711
Operation & Tech. Office	R.P. Bulger	Manager	248-3567
Trans. Reg. & Oper. Div.	H.F. Kivi	Director	248-3692
Vehicle Stds. Office	M.W. Hattin	Manager	248-3548
Lic. Admin. Office	J.M. Dykstra	Manager	248-3416
Mun. Transp. Policy/ Planning Branch	R. Puccini	Director	248-3638
Transit Office	M.R. Ernesaks	Manager	248-3785
Inter-City Trans. Pol. Off.	I.R. Chadwick	Manager	248-3727
Goods. Distn. Syst. Off.	G. Gera	Manager	248-7437
Rail Office	L.R. Kidman	Manager	248-3744
Marine & Pipeline Off.	R.A. Madill	Manager	248-7131
Capital Investment Off.	J.C. Sherwood	Manager	248-3551

TRANSPORTATION ENERGY OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ ENERGY, GENERAL (Cont'd)			
INTERNAL			
Equipment Engineering Office	K.G. Forker	Manager	248-3231
Human & Social Factors Office	E. Simon	Manager	248-7121
EXTERNAL			
Ministry of Energy	L. Ploeger	Gen. Mgr., Ind. & Trans.	965-9298
	J. Patriarche	Co-ord., Transp. Prog.	965-2984
Ministry of Cons. & Comm. Relations	R.H. Clendining	Dir., Fuels Safety Br.	239-1279
	G. Mills	Exec., Dir. Tech. Std.	239-2714
Transport Canada	P. Hallett	Chief (Acting), Energy R & D Program	(613)593-5982
Energy, Mines & Res.	T. Allison	Pub. Enquiry Off.	966-8480
	J. Gibson	Propane Grant Program	(613)995-9447
	L. Corneau	Propane Grant Program	(613)995-9447
RTAC	P. Hallett	Chrm., Enry. Tech. Comm.	(613)593-5982
	K. Siwik	Program Manager	(613)521-4052

TRANSPORTATION ENERGY OFFICE
DRIVESAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ FLEET ADVISORY COMMITTEE			
EXTERNAL			
Canada Packers	H. Ferguson	Fleet Manager	766-4311
Honeywell	C. Hill	Mgr., Corp. Fleet	848 5540
Ontario Hydro, Trans. & Work Equip. Dept.	H. Siegel	Sr. Eng., Eng. Serv.	
Work Wear Corp.	T. Westway	Fleet Administrator	533-2351
Propane Gas Assoc. of Can.	C. Young	Chairman, Carb. Sub. Com.	231-4141
Xerox Canada	F. Attard	Fleet Adminstrator	429-6750
G.D. Searle	K. Austin	Mgr., Admin. Serv.	844-1040
Bell Canada	D. Ryrie	Section Mgr., Auto Equip.	581-4836
Ontario Safety League	E. Moore	Mgr., Traffic Safety	593-2670
Gulf Canada	T. Peregovits	Co-ord., Budg. & Controls	927-2622
Motor Vehicle Mfr. Assoc.	M. Nantais	Mgr., Committees	364-9333
2/ OTHER GOVERNMENT CONTACTS			
EXTERNAL			
Energy, Mines & Res.	T. Ellison	Public Enq. Officer	966-8480
Energy, Mines & Res.	J. Commerford		995-9447
Transport Canada	C. Stark	Pol. Analyst, Internal Energy Conservation	993-6101

TRANSPORTATION ENERGY OFFICE
DRIVESAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ OTHER GOVERNMENT CONTACTS (Cont'd)			
EXTERNAL			
Ministry of Mun. Affairs and Housing	R. Cassan	Program Co-ord.	585-6208
Min. of Environment	D. Balsillie	Dir., Air Res. Branch	965-6343
Office of the Co-ord. of French Lang. Serv.	A. Charlebois	Exec. Secretary	965-3865
3/ ASSOCIATIONS			
EXTERNAL			
Nat. Assoc. Fleet Administration (NAFA)	C. Hill	President (Ont.)	848-5340
Propane Gas Assoc. of Canada	C. Young	Chair., Carb. Sub. Comm.	231-4141
Ont. Traffic Conference	R. Chaikoff		752-6380
Young Drivers of Can.	P. Christianson	General Manager	922-4311
Ont. Safety League	E. Moore	Mgr., Traffic Safety	593-2670
Ont. Motor League	R. Rahmond	Mgr., Inspec. Centre	424-9500
Chief, Instructors Assoc.	R. Helpridge	President	485-4888
Driv. School Assoc. Ont.	L. Castracane	Controller	826-7979
Motor Vehicle Mfr. Assoc.	M. Nantais	Mgr., Committees	364-9333

TRANSPORTATION ENERGY OFFICE
DRIVESAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/ ASSOCIATIONS (Cont'd)			
EXTERNAL			
Consumers' Assoc. of Canada	B. Beck	President, CAC (Ont.)	622-3547
	N.A. Carrier	Educ. Chairman (Ont.)	622-3547

TRANSPORTATION ENERGY OFFICE
TRUCKSAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ ADVISORY COMMITTEE			
EXTERNAL			
TNT	D. Andrew	V.P., Maintenance	624-2110
Tippet-Richardson	G. Carr	Retired	445-3174
C.P.	T. Cooley	Director of Mtce.	498-8850
George Brown College	S. Donovan	Transport Training	967-1212
Kingsway Transport	W. Gough	V.P., Mtce. & Purchasing	743-7030
Sears	G. Dennis	Fleet Manager	744-4825
Private Motor Truck Council	B. Hardie	President	273-6275
City of London	A. Lake	General Supt.	(813)679-4584
Canada Cartage	F. Leslie	Exec. Vice-President	259-5454
Ruhl Machinery	H. Ruhl	President	252-5241
Canadian Tire	V. Wintjes	Mtce. Manager	792-2740
Consumers' Gas	T. Jasper	Transport Manager	245-4900
Gulf Oil	P. Stafford	Fleet Specialist	440-2572
Muir Transport	E. Chambers	Operating Manager	291-8846

TRANSPORTATION ENERGY OFFICE
TRUCKSAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ ECONOMY CHALLENGE COMMITTEE			
EXTERNAL			
Imperial Oil	J. Blair	Safety Supervisor	661-1010
Labatts	S. Bigus	Transport Supt.	248-0751
I.C.L.	W. Capes	Equipment Research	(814)258-9200
Kingsway Transport	R. Haystead	Safety Supervisor	743-7030
	D. Murphy	Safety Supervisor	622-3811
G.T.L.	C. Hoonaard	Safety Supervisor	236-1805
Coca-Cola	T. Speed	Engineering Manager	424-6015
Molsons	H. Weisher	Fleet Manager	361-1407
3/ INDUSTRY			
EXTERNAL			
Ont. Trucking Assoc.	D. Wronski	Editorial Staff	249-7401
Industrial Cart. Assoc.	D. Parke	Exec. Director	249-7401
Ont. Motor Coach Assoc.	B. Crowe	President	488-8855
Owner Operator's Assoc.	J. Clearly	President	(811)389-6615
Automotive Trans. Supts'.	D. Barnes	Fleet Mgr., Scarborough	292-1530
Com Car	A. Joosse	Exec. Vice-President	648-2260

TRANSPORTATION ENERGY OFFICE
TRUCKSAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/ INDUSTRY (Cont'd)			
EXTERNAL			
Motor Truck Magazine	B. Holmes	Editor	425-9021
Truck News	B. Light	Publisher	461-0323
Trucking Canada	R. Lockwood	Editor	425-9021
Nat. Assoc. Fleet Admin.	Chris Hill	President	499-6111
P.M.T.C.	R. Neal	Executive Director	(821)238-6052
Caterpillar (Crothers)	J. Keay	Engine Specialist	231-9797
Airshield	B. Cayfield	Manager	481-6868
Cummins	R. Hoyle	Sales Manager	842-8070
Western Star	R. Camball	Marketing Manager	677-9800
Detroit Diesel Allison	B. Howe	Sales Manager	(813)452-5430
Energy, Mines & Resources	L. Dorber	Manager	(204)949-4272
Yokohama Tire	H. MacDonald	Manager	673-7570
Michelin	B. Cuddy	District Manager	792-9222
Freightliner	R. Scott	V.P., New Truck Sales & Marketing	268-2014
Bridgestone	B. Lawrence	Fleet Specialist	677-5550

TRANSPORTATION ENERGY OFFICE
MUNICIPAL PROGRAM
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ GOVERNMENT AGENCIES & CONTACTS			
INTERNAL			
Mun. Roads Off., MTC	J. Childs	Manager	248-3621
	R. Lefevre	Program Officer	248-3621
Prov/Mun. Trans., MTC	R. Ballantine	Co-ordinator	248-3789
Intercity Transp. Policy Off., MTC	G. Allen	Policy Advisor	248-3727
Transportation Energy, ENG	J. Patriarche	Advisor	965-8060
Forcasting Office, ENG	R. Chute	Advisor	965-1576
Contingency Planning, ENG	C. Clinton	Manager	965-4007
CREDA, ENG	H. Koecher	Manager	965-1576
MMAH	J. Cozak		965-6742
EXTERNAL			
Assoc. of Mun. of Ont.	D. Bartl-Hofmann	Co-ordinator	593-1441
	S. Richardson	Executive Director	593-1441
Ont. Good Roads Assoc.	J. Britnell	Technical Adv.	(519)524-7475
Trans. Energy Div., EMR	P. Reilly-Roe	Chief, Prog. Co-ord.	(613)995-9447
Conserv. and Renew. Energy Office	S. Stevens	Mgr., Demonstrations	973-1608

TRANSPORTATION ENERGY OFFICE
THE MUNICIPAL PROGRAM
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ GOVERNMENT AGENCIES & CONTACTS (Cont'd)			
EXTERNAL			
Can. Assoc. of Re-Refiners	D. Fisher	Vice-President	293-6357
Munic. Engineering Assoc.	R.A. Dempsey	Secretary	(519)524-7412
Ont. Urban Transit Assoc.	A. Cromier	General Manager	365-9800
Env. Can. Contaminants Div.	G. Rathbone	Advisor	966-5840
Fed. of Can. Municipalities	R. Coopersmith	Project Leader	(613)237-5221
2/ MUNICIPAL EMPLOYEES AND MTEAC MEMBERS			
EXTERNAL			
Peel Region	D. Thwaites	Dir. of Trans.	791-9400
Waterloo Region	G. Thompson	Dir., Roads & Tra.	(519)885-9401
City of Sudbury	J. Mansbridge	Com., Comm. Serv.	674-3141
Durham Region	J. McCorkell	Dir. of Operations	668-7721
Stormont, Dundas, Glengary	D. McDonald	County Engineer	759-5378
City of Sault Ste. Marie	D. Redmond	City Engineer	932-4302
Ottawa-Carleton	L. Shallal	Chief Syst. Plan. Eng.	563-1297

TRANSPORTATION ENERGY OFFICE
THE MUNICIPAL PROGRAM
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ MUNICIPAL EMPLOYEES AND MTEAC MEMBERS (Cont'd)			
EXTERNAL			
City of Windsor	J. Tofflemire	Traffic Engineering	255-6500
Metro Toronto	D. Gordon	Dir., Trans. Division	947-8112
TTC	W. Lambert	Policy Analyst	481-4252
3/ MUNICIPAL EMPLOYEES AND MTEAC, NON MEMBERS			
EXTERNAL			
City of North York	N. Morris	Fleet Safety Supvr.	661-9201
City of Sudbury	R. Boucher	Dir., Info. Systems	674-3141
Joint Prog. in Trans.	Dr. R. Soberman		978-7282

Additional contacts in 50% of all mun. through MTEAC members or mun. staff.

TRANSPORTATION ENERGY OFFICE
SHARE-A-RIDE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ RIDESHARING			
INTERNAL			
Computer System Br.	R. Proctor	Head, Transp. Planning Syst.	248-3423
Bus Transportation	S. Moody	Project Officer	248-3351
EXTERNAL			
Covoiturage - Quebec	*G. Rouleau	Director	(514)873-5463
Dept. Eng. & Forestry, P.E.I.	*P. Mooney		(902)892-1094
Energy, Mines & Res., B.C.	G. Harlow		(604)524-7222
Energy, Mines & Res., Ottawa	G. Amyot		(613)995-9447
Assoc. of Com. Transp., U.S.A.	S. Spence	Exec. Dir.	(202)363-7105
CAVPO - Toronto	J. Kemp-Welch	Exec. Dir.	365-7078
Tranport Canada, Ottawa	R. Kehoe		(613)998-1883
2/ EMPLOYER OPERATORS			
EXTERNAL			
Garrett Mfg., Toronto	*L. Kellow	Security & Safety	675-1411

*Director of Canadian Ridesharing Federation

TRANSPORTATION ENERGY OFFICE
SHARE-A-RIDE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ EMPLOYER OPERATORS (Cont'd)			
EXTERNAL			
Prudential Ins., Toronto	*F. Begemann	Mgr., Services	296-0777
Westinghouse Can., Burlington	*N. Cheeseman	Personnel	528-8811
Bell Canada, Toronto	R. Mason	Office Services	296-6576
Chrysler Canada, Windsor	*N. Wheeler	Personnel	(519)973-2061
3/ VENDERS			
Van Tech Limited, Markham	*E. Turjanica	President	475-0734
Ont. Vanpool Service, Barrie	B. Still	President	728-3906
General Motors, Ottawa	B. Coates	Sales Manager	(613)560-2246
Chrysler Canada, Miss.	B. Shearer	Sales	821-6090
4/ MUNICIPALITIES			
Metro Toronto Planning	D. Gordon	Dir., Trans. Div.	367-8112
Ottawa-Carleton Region	L. Shallal	Chief, Syst. Plan. Eng.	(613)563-2792

*Director of Canadian Ridesharing Federation

TRANSPORTATION ENERGY OFFICE
SHARE-A-RIDE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
5/ ASSOCIATIONS			
Insurance Bureau of Can.	J. Clarke		362-2031
Can. Urb. Transit Assoc.	A. Cormier	Exec. Dir.	365-9800
6/ CARPOOL PARKING LOTS			
Central Region, MTC	G. Porter	Planning & Design	244-7535
District 18, MTC	G. Gardiner		256-5682
Northern Region, MTC	G. Gurney	Planning & Design	472-7900
Southern Region, MTC	F. Patterson	Planning & Design	681-1441
Eastern Region, MTC	D. Ritchie	Traffic Office	545-4695

TRANSPORTATION ENERGY OFFICE
ALTERNATIVE FUELS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ AUTOMOBILE INDUSTRY			
Ford Motor Company	R. Bright	Dir., Alt. Fuels	845-2511
G.M. of Canada	A. Grando	Mgr., Alt. Fuels Eng.	644-3474
2/ PROPANE INDUSTRY			
Propane Canada	W.H. Carr	Vice-President	633-2020
Sunoco Propane	J. O'Onofrio	Sales Representative	676-1900
Emco-Wheaton Ltd.	J. Dupuis	Eng. Mgr., Carb. Div.	231-4141
Monarch Propane	M. Strauch	General Manager	677-9100
3/ NATURAL GAS INDUSTRY			
Consumers' Gas	J.A. Drummond	Mkt. Rep., NGV	495-5679
	M. McCall	Mgr., NGV Operations	495-5834
Union Gas	V. Ydreos	Mkt. Dev. Co-ord., NGV	(519)436-4538
Northern & Central Gas	B.M. Bailey	Ind. Sales/NGV supvr.	(705)474-8480
CNG Fuel Systems	I.J. Boyd	District Sales Manager	629-1699
Canadian Gas Assoc.	R. Cummings	Dir., NGV Development	447-6465
4/ SAFETY			
Fuels Safety Br., MCCR	R. Clendining	Director	239-1279
	E. Grzesik	Chief Engineer	239-1297
	D. Conway	Technical Supervisor	239-2948
Tech. Stds. Div., MCCR	J. Peck	Propane Info. Officer	239-2948

TRANSPORTATION ENERGY OFFICE
ALTERNATIVE FUELS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
4/ SAFETY (Cont'd)			
Fire Marshall's Off., MSG	P. Gathercole	Assistant Chief	965-4855
5/ EDUCATION			
Centennial CAAT	D. Bowman	Continuing Education	752-4444

TRANSPORTATION ENERGY OFFICE
GOVERNMENT FLEETSAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ CO-ORDINATOR'S COMMITTEE			
EXTERNAL			
Admin. Services Br., MNR	R. Armstrong	Chief, Service Section	965-3317
Strat. Plan. Sec., MNA	B. Fielders	Policy Advisor	965-1669
OPP, MSG	R. Perrin	Chief. Supt., Sup. Div.	965-4413
Plan. & Admin. Div., MTR	J. Boyer	Co-ord., Admin. Serv.	963-3153
Admin. Serv. Div., MTE	R. Wood	Mgr., Admin. Syst.& Serv.	965-1643
General Serv. Unit, MCC	M. Pietkiewicz	Supvr., Gen. Serv. Unit	965-0322
Accommodation Plan., MAG	W.M. Thompson	Admin., Courts Office	964-8453
Transportation Prog., ENG	J. Patriarche	Co-ord., Trans. Program	965-2984
Vehicle Services, MGS	W. Magill	Mgr., Vehicle Services	252-3348
Operational Services, MOR	E. Rauhut	Mgr., Operational Serv.	433-5906
Equip. Eng. Office, MTC	G. Hodgins	Head, Fleet Mgmt. Sec.	248-3231
Central Operations	B. Eaton	Mgr., Central Operations	965-5961
Adminstrative Serv., MCCR	R. Fernandez	Sr. Mgr., Admin. Serv.	963-0395

TRANSPORTATION ENERGY OFFICE
GOVERNMENT FLEETSAVE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ CO-ORDINATOR'S COMMITTEE (Cont'd)			
EXTERNAL			
Ind. Programs/Energy	J. Pahapill	Mgr., Ind. Prog./Enrg.	750-3366
Grants Pol. Br., MECU	J. Rankin	Chief, Enrg. Mgmt. & Res.	965-5826
Admin. Serv. Off., MOE	A. Chan	Co-ord., Rec. Management	965-5747
Sup. & Serv. Br., MOH	L. Chong	Asst. Mgr., Admin. Serv.	963-1073
Ambulance Serv. Br., MOH	L. Evans	Supvr., Accom. Services	963-1073
Admin. Oper., MOL	R.R. Hogarth	Dir., Admin. Operations	965-6115
Mgt. Serv. Br., MMAH	J.D. Pantazis	Chief, Purch. Office	585-6855

RAIL TECHNOLOGY

AND SYSTEMS

OFFICE

RAIL TECHNOLOGY AND SYSTEMS OFFICE

MANDATE

To conduct and promote research, development and application of rail technologies and systems which:

- improve the efficiency amd effectiveness of Ontario rail transportation systems;
- support the rail industry; and
- foster economic growth.

OBJECTIVES

To ensure maximum return on the Ministry's investment in rail technology by providing technical support, review and evaluation.

To provide technology input to Ministry policy in the rail area.

To assist and encourage the rail industry in the development and demonstration of a range of technologies which will improve productivity and service

- by researching new applications for rail technology;
- by demonstrating and actively promoting the development of new and improved rail technology products; and
- by monitoring rail technology development.

RAIL TECHNOLOGY SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ RAIL - TECHNOLOGY/PLANNING/POLICY/FUNDING			
INTERNAL			
Municipal Transp. Div.	E. McCabe	Executive Director	248-3585
Municipal Transp. Policy Branch	R. Puccini	Director	248-3638
Transit Office	M. Ernesaks	Manager	248-3785
	R. McEwen	Head, Subsidy Admin.	248-3785
Toronto Area Co-ordination Office	F. Norman	Manager	248-7402
Rail Office	R. Kidman	Manager	248-3744
Structural Research	A. Agarwal	Research Engineer	248-3355
Structural Office	H. Grouni	Sr. Research Engineer	248-3506
EXTERNAL			
Metro Canada	C. May	V.P., Technology	(613)384-3100
	D.A. Buchanan	V.P., Program Mgmt.	(613)384-3100
	D. Gilmore	Mgr., Tech. Support	(613)384-3100
	J. Mister	Technical Support	(613)384-3100
	L. Harris	Proj. Eng., Scarborough	(613)384-3100
TTL	B. Caldwell	Exec. Vice-President	(613)384-3100
	R. Shiner	Director	(613)384-3100
	R. Smith	Chief Engineer	(613)384-3100
	W. Bartram	Vice-President	(613)384-3100
	W. Meyer	V.P., Operations	(613)384-3100
	M. Hardt	Sen. Field Serv. Rep.	(416)431-7702
VTM	D. Oddie	Director	(613)384-3100
	L. Nicholls	Gen. Manager	(613)384-3100
Kingston Test & Maintenance Facility	D. Byers		(613)384-3100

RAIL TECHNOLOGY SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ RAIL - TECHNOLOGY/PLANNING/POLICY/FUNDING (Cont'd)			
EXTERNAL			
UTDC Ltd.	J. Graebner	Director, Product Management	(613)384-3100
	B. Steglich	Mgr., Advanced Rail Proposals	(613)384-3100
TTC	D. Cowan	Manager, Equipment	534-9511
	D. Callan	Manager, Engineering	480-8201
	I. Kingston	Manager, Plant	534-9511
	I. Hendry	Asst. Mgr., Eng.	534-9511
	F. Rajtek	Asst. Mgr., Systems Eng.	480-8257
	W. MacDiarmid	Div. Supt., Transp. Dept.	534-9511
CIGGT	M. Driscoll	Mgr., Applic. Dev.	(613)547-5858
MIT	P. Tanaka	Sr. Dev. Consultant	965-3560
Go-Transit	N. Kuster	Director, Equip. Syst.	630-5220
	B. Dawe	Asst. Eqpt. Officer	630-5220
Dofasco	Dr. W. ElMaraghy	Manager, Trucks	544-3761
Cancar, Thunder Bay	A. Curmi	Director, Eng.	
	J. Couch	Project Co-ord.	
	M. Thiffault	Director, Projects	(805)577-8431
TDC, Montreal	D. Dibble		283-4072
NRC, Ottawa	C. Smith	Head, R.W. Lab.	(613)998-9639
Via Rail	C. Fonta	Sr. Engineer, Equip.	(514)286-2803
Hawker Siddley	H. Hillel		677-3250
MNA	J. Menary		965-1669

RAIL TECHNOLOGY SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ RAIL - TECHNOLOGY/PLANNING/POLICY/FUNDING (Cont'd)			
EXTERNAL			
Canadian National	Dr. N. Caldwell		(514)343-5422
OBK Engineering	A. O'Brien	Principal	(416)637-7492
Transangle	Dr. F. Blader	Consultant	(617)369-0077
David D. Taylor & Associates	David D. Taylor	Principal	(514)993-1083
Morrison Herschfield Ltd.	Mr. M. Magued	Director	(416)499-3110
Queen's University	Dr. R. Anderson	Professor	(613)547-6964
North Bay, ONR	E. Marasco	Sr. Planning Officer	(705)472-4500
	B. Moore	Dir., Passenger Serv.	(705)472-4500
Washington D.C., Amtrack	C. Engelhardt	Sr. Director	(202)383-2690
ITT/SEL	A. Kanner	Asst. to Mgr. of Engineering	441-1752
2/ FINANCIAL			
INTERNAL			
Financial Planning and Administratiion	A. Lennox	Director	248-3465
Payment Verification	H. Moore	Manager	248-3761

RAIL TECHNOLOGY SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/ COMPUTERS			
INTERNAL			
Computer Systems Br.	D. Dunlop	Manager	248-3571
EXTERNAL			
U. of Waterloo	Dr. H. Shen	Professor	
McMaster University	Dr. H.A. El Maraghy	Professor	(416)525-9140 Ext.4992
4/ ASSOCIATIONS			
CUTA	Dr. B. Hemily	Research Co-ord.	(416)365-9800

TRANSIT CONTROL TECHNOLOGY

AND SYSTEMS

OFFICE

TRANSIT CONTROL TECHNOLOGY AND SYSTEMS OFFICE

MANDATE

To conduct and promote research, development and application of transit system control technologies and communications which:

- improve the efficiency and effectiveness of Ontario transportation systems;
- support the transit industry; and
- foster economic growth.

OBJECTIVES

To assist the Ministry's policy process by providing up-to-date and relevant input in the following areas:

- transit system control technology;
- transit system communications; and
- other related technical areas.

To ensure excellence for all ministry projects concerned with transit systems technology by providing technical consultation and support as well as technical management.

To increase productivity by demonstrating appropriate and effective technology to transit operators and the transit industry by modification and adaptation of existing technologies.

To encourage and facilitate possible market opportunities for Ontario-based industries through the incremental advancement of specific technologies and the provision of product-opportunity matrices in the transit area.

To encourage and facilitate the development and implementation of transit systems/transit system technologies to convey the handicapped and disadvantaged.

To strengthen and support the working relationships and ties between TCTS and the private sector, transit operators, the municipalities, the government and academia.

To develop amongst technical staff in TCTS a broad understanding of MTC management parameters and expectations, and promote their application within a specialist operating environment.

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ ROBOTICS			
EXTERNAL			
Ont. Robotics Centre	I. Barrie	V.P. & Gen. Mgr.	(705)876-1611
CAE-Morse (Unimation)	D. Bunker	Auto. Syst. Mgr.	625-5161
De-Vilbiss	T. Bishop	Mgr., Ind. Rob. Optn.	(313)668-6765
RSI Ltd.	G. Wallace	Mkt. Mgr., Rob. Syst.	(604)656-0101
AKR Robotics	M. Lande	President	(313)242-8788
SPAR Aerospace	P. Stefow	Mgr., Robotic Tech.	745-9680
RMS Industrial Controls	J. Stewart	Account Exec.	673-1319
Automatix	T. Reynolds	Area Manager	(313)478-7171
U. of Toronto	A. Goldenberg	Professor	978-3049
U. of Manitoba	B. Cleghorn	Assit. Professor	(204)474-9519
U. of Waterloo	A. Wong	Professor	(519)885-1211
Toronto Trans. Comm.	G. Webster		534-9511
TTL	H. Baeggli	Project Engineer	(613)384-3100
MUTC (Montreal Trans.)	P. Alepin		(800)361-0782
Long Island Railroad	D. Ruppert		(718)990-8123
ESI	R. Price	Systems Engineer	(518)456-0067

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ AUTOMATIC VEHICLE LOCATION & CONTROL			
INTERNAL			
Transit Office	J. Ryell	Mgr., Demo. Section	248-3785
	R. McEwen	Mgr., Subsidy Admin.& Opr.	248-3785
EXTERNAL			
RMS Industrial Controls	H. Stevens	Sales Executive	673-5015
SEL Canada	A. Kanner	Manager, Systems	445-8600
General Electric	F. Kelly	Sales Manager	746-7320
Teleride Corp.	G. Collier	Manager, Engineering	596-1940
Niacad Ltd.	D. Cain	President	(613)726-0367
Eletrocomm Ltd.	L. Popielyak	President	491-4450
TTC Transit Comm.	M. Pristupa	Superintendent, CIS	534-9511
OC Transpo	P. Vander Kloot	Director, Systems	(613)741-6440
Hamilton Street R.W.	G. Heidmann	Analyst	527-4441
Mississauga Transit	A. Snow	Analyst	279-5900
3/ WAVM SYSTEM			
INTERNAL			
Goods Distribution	G. Gera	Manager	248-7437
Truck	S. Redbone	Manager	248-3634
Bus	J. Hughes	Manager	248-3351
Communications	B. Bulger	Manager	248-3567

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/ WAVM SYSTEM (Cont'd)			
EXTERNAL			
DOC/Federal	D. Athanassiadis Info. Service	Manager (MSAT)	(821)995-8185 (821)995-8185
Teleset	D.J. Sward	(MSAT)	(821)746-5920
Bell Cellular	R. Rowland	President	674-2220
Canadian Marconi	P. Hui	P. Eng.	(821)592-6500
Canadian Astronautics	D. Bells	Manager	(821)820-8280
Magnovox	T.A. Stansell, Sr.	Vice-President	(213)618-1200
TRW	J. Ziomek	Director	(313)478-7210
Mobile Satellite	R. Anderson	Vice-President	(215)265-8118
Skylink	T. Quillian	Manager	(303)442-8866
Chrysler Class	G.J. Dellas	Head	(205)895-1450
GM Technical Centre	R.A. Dork	Head	(313)492-0772
Ford/Satellite Navigation	J. Mosier	Head	(313)594-3696
Rockwell International	G.F. Rylin	Manager	(319)395-3234
Burlington Northern	S. Ditmeyer	Director	(612)298-7778
Private Motor Truck Council of Canada	R. Neal	President	(821)592-4103

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/ WAVM SYSTEM (Cont'd)			
EXTERNAL			
Ont. Motor Coach Assoc.	B. Crone	President	488-8855
Ontario Trucking Assoc.	A. Jones		249-7401
Truckers	(refer to listing in "Ship by Truck")		
4/ EXPERT SYSTEM			
INTERNAL			
R & D Branch	E.R. Case	Manager	248-3355
EXTERNAL			
DOC/Federal	D. Wong	Manager	(821)990-4920
MOT/Federal	M. Walker	Advisor	(821)995-0141
Can. AI Product Corp.	P.K. MacKinnon	President	(821)727-0070
Cognicom	J. Ruby	Manager	366-4857
Institute of Comp. Res., U. of Waterloo	A. Wong	Professor	(815)885-1211
Stanford University	B.G. Buchanan	President	(415)497-0935
Carnegie Group Inc.	L.K. Geisel	President	
TeKnowledge Inc.	E.A. Feigenbaum	President	
Symbolic Inc.	R. Noftsker	President	

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
4/ EXPERT SYSTEM (Cont'd)			
EXTERNAL			
Lisg Machine Inc.	F. Spitznogle	President	
Inst. for Transport Studies, U. of Leeds	H.R. Kirby	Researcher	
Texas Instruments	E.L. Jones	Manager	
5/VISION SYSTEM			
INTERNAL			
R & D Branch	E.R. Case	Manager	248-3355
	W. Phang	Manager	248-3355
EXTERNAL			
MPB Technology	B.V. Ghosh	Director	(856)683-1490
Can. AI Prod. Corp.	P.K. MacKinnon	President	(821)727-0070
Ont. Robotic Centre	R.P. Picard	Engineer	(893)876-1611
Diffractor	W.P.T. North	Director	(814)945-6373
Datacube	System		(617)535-6644
Forsight Inc.	D.E. Hurse	President	(617)246-5333
Intec	C. Moore	Manager	(714)859-3800

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
6/ LIAISON WITH PROPERTIES & MUNICIPALITIES			
INTERNAL			
SPS	I.C. Campbell	Exec. Director	248-3741
	B. Deslauriers	Manager	248-3741
Internal Audit	J. Moffat	Director	248-3671
Telecomm. Office	R. Flechner	Manager	248-3822
Broadcasting & Cable	D.M. Harmelink	Director	248-3711
Equipment Eng.	K.G. Forker	Manager	248-3231
Transport Capital Branch	I.V. Oliver	Director	248-3551
Planning & Technical Supp.	D.W. Dunlop	Manager	248-3571
	C.W. Nabert	Systems Planner	248-3571
Mun. Transp. Div.	E.J. McCabe	Exec. Director	248-3585
Municipal Transp. Policy/Planning Br.	R. Puccini	Director	248-3638
Transit Office	M.R. Ernesaks	Manager	248-3785
	J. Ryell	Head, Demonstrations	248-3785
IBI Group	Rod McDougall	Director	596-1930
MIT	M. St. Amant	Manager	963-1373
	H.E. Alexander	Development Consultant	965-3560
	S.G. Romay	Int. Market Consultant	965-2649
	P. Tanaka	Development Consultant	965-3560
	R.L. Benton	Commercial Representative	(312)782-8688

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
6/ LIAISON WITH PROPERTIES & MUNICIPALITIES (Cont'd)			
EXTERNAL			
TTC	F.J. Ahlin	Sen. Analyst	534-9511 ext.2872
	G. Webster	Superintendent	534-9511
	D. Cowan	Manager	534-9511
	L. Berney	Gen. Manager	534-9511
GO Transit	P. Johannsson	Co-ordinator	630-5220
	J. Bateman	Manager, Rail Operations	630-5220
TDC	M. Audette	Acting Chief	(514)238-0004
CGS	R. Reid	Secretary-Gen.	674-0366
City of Sudbury	R.J. Boucher	Director	(705)674-3141
Sudbury Transit	P. Taschereau	Superintendent	(705)560-1111
NIACAD Ltd.	D.A. Cain	Consultant	(613)726-0367
CUTA	A. Cormier	Executive Dir.	365-9800
	B. Hemily	Co-ordinator	365-9800
SEL	K.V. Dobler	General Mgr.	445-8600
EMS	D. Henderson	Manager	673-1319
CN Rail	N.A.R. Hanks	Asst. Chief	(514)877-8962
APC Systems	H. Holm	President	(519)681-2960
Transyt Canada Inc.	L. Richardson	President	442-2036
London Mat	A. Porvin	President	(519)681-2980
OUTA	D.E. Roberts	Manager	365-9800

TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
6/ LIAISON WITH PROPERTIES & MUNICIPALITIES (Cont'd)			
EXTERNAL			
CIGGT	R.M. Renfrew	Exec. Director	(613)547-5856
SRI International	P.L. Tuan	Director	(910)373-2046

ADMINISTRATION

AND

TECHNICAL PUBLISHING

ADMINISTRATION AND TECHNICAL PUBLISHING SECTION

MANDATE

To assist and support the branch in its administrative and publishing efforts to promote research, development and application of transportation and energy technologies and systems which:

- improve the efficiency and effectiveness of Ontario transportation systems;
- support the transportation industry; and
- foster economic growth.

OBJECTIVES

Administration

To ensure the effective management control of the Branch budget and expenditure by operating and maintaining a comprehensive financial resource allocation system.

To provide effective and efficient administrative support to the Director, managers and staff of the branch.

To ensure efficiency in personnel matters by co-ordinating and managing all activities related to staffing, classification, human resource planning and staff relations.

Technical Publishing

To provide the necessary capabilities for the editing, publication and distribution of the Branch's technical reports and marketing material.

To transfer concise and effectively presented research and marketing information from the Branch to the transportation industry.

ADMINISTRATION
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ PERSONNEL			
INTERNAL			
Hum. Res. Plan. & Serv. Br.	A. Mitchell	Mgr., Policy & Initiatives	248-3643
	R. Dalton	Admin. Co-ord.	248-3643
	S. Lawrence	Secretary to the Manager	248-3643
Staff Relations	M. Carbert	Acting Mgr., Staff Relations	248-3751
Staffing	B. Barnes	Sr. Human Res. Serv. Officer	248-3951
	A. Martin	Hum. Res. Assist.	248-3955
	M. Sprayson	Special Employment Co-ord.	248-3751
	B. Morning	Sr. Human Res. Serv. Officer	248-3955
	T. Schentag	Human Res. Off.	248-3951
Staff Development	M. Cooper	Supvr., Staff Dev.	248-3536
	J. Tomkinson	Staff Dev. Officer	248-3536
	B. Lyles	Staff Dev. Res. Officer	248-3536
Human Resources Planning	D. Connelly	Sr. Human Res. Officer	248-3993
	L. Allardyce	Co-ord., Sr. Human Res. Inventory	248-3993
Records	P. Bolton	Head, Benefits and Records Admin.	248-3641
	I. Kosowan	Clerk, Benefits and Record Admin.	248-3641

ADMINISTRATION
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ PERSONNEL (Cont'd)			
INTERNAL			
Pension Benefits	B. Morrison	Pension Benefits Supervisor	248-3641
Group Insurance	A. McKay	Group Insurance Supervisor	248-3641
	E. Fry	Group Insurance Clerk	248-3641
2/ ADMINISTRATION			
INTERNAL			
Public & Safety Information	G. Thomson	Head, Graphic Design & Branch Admin.	248-3501
Special Services Operations	R. Kinnear	Mail Opening Supvr.	248-3211
Furniture & Equipment	R. Hewitt	Supvr. Office Furniture & Equipment	248-7138
	W. Adams	Furniture Acquisition Off.	248-7138
Supply & Services Branch	M. Prestaya	Head, Planning & Analysis	248-3853
	P. Churchill	Head, Matls. & Operating Supplies	248-3241
	C. LaBelle	Sr. Buyer	248-3241
	J. Ryan		248-3241

ADMINISTRATION
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ ADMINISTRATION (Cont'd)			
INTERNAL			
Special Services Office	M. Russo	Traffic Control	248-3341
	D. Johnston		248-3341
	T. Parr		248-3341
	G. Myers		248-3341
	T. Lacey		248-3341
3/ COMPUTERS			
INTERNAL			
Computer Branch	W. Slater	Office Admin.	248-7491
	E. Lai		248-3423
	J. Collict	Systems Custodian & Security Officer	248-3221
4/ ADMINISTRATION			
INTERNAL			
Financial Planning & Admin. Branch	K. Whyte	Admin. Co-ord.	248-3465
	P. Martin	Assist. to Head	248-3857
	G. Province	H.O. & Reg. Liaison Acct.	248-3107
	S. Wallace	Payroll & Attendance	248-3107
	J. Newlands		248-3107
	R. Fearson	Budgetary Control & Analysis Sect.	248-3477
	T. Liaw	Sr. Analyst Budgetary Develop.	248-4377
EXTERNAL			
Ministry of Energy	J. Patriarche		
	G. Olah		

ADMINISTRATION
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
5/ WATERLOO STUDENTS			
EXTERNAL			
U. of Waterloo	D. Beaupre	Operations Admin.	885-1211
	T. Lebold	Employment Contract Admin.	885-1211
	H. Carty	Co-ordinator	885-1211
	R. Harshaw	Co-ordinator	731-1624
	B. Robertson	Placement Specialist	885-1211

TECHNICAL PUBLICATIONS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
1/ PRINTING			
INTERNAL			
Reprographic Centre	F. Murdock	Head Xerox	248-3088
	P. Snell	Supervisor	248-3088
Offset Reproduction	M. Tomini	Head	248-3310
	F. Rowe	Supervisor	248-3310
EXTERNAL			
Printing Serv., MGS	A. Davis	Estimator/Proc. Off.	965-2056
	B. Lubinski	Estimator/Proc. Off.	965-2056
	P. Zapp	Estimator/Proc. Off.	965-2056
Flash Reproductions	M. Anyou	Manager	742-1244
Pro Art Graphics	K. Frederickson	Acct. Manager	475-7111
2/ GRAPHICS-AUDIO VISUAL			
INTERNAL			
Reprographic Centre	H. Savo	Supervisor	248-3088
	T. Bentley	Planner	248-3088
	P. Cook	Planner	248-3088
	D. Miller	Supervisor	248-3088
	C. Troop	Supervisor	248-3088
Audio Visual Section	B. Dunstall	Coordinator	248-3210
	A. Christopher	Photographer	248-3910
	J. Dwyer	Photographer	248-3910
	G. Fraser	AV Producer	248-3210
	J. Reynolds	AV Librarian	248-3210
Art Section	G. Csihas	Co-ordinator	248-3557
	B. Shaw	Supervisor	248-3557

TECHNICAL PUBLICATIONS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
2/ GRAPHICS-AUDIO VISUAL (Cont'd)			
Cartography	J. Fernandel	Supervisor	248-3248
	T. Wood	Head	248-3248
	D. Hoover	Co-ordinator	248-3627
Record Services	J. Cirenza	Forms Mgmt. Supvr.	248-3538
EXTERNAL			
Case Associates	B. Fifield	Acct. Supvr.	481-4281
3/ WORD PROCESSING-TYPESETTING			
INTERNAL			
Information Mgmt.	B. Gillies	Sr. Proj. Analyst	248-3531
	B. Smith	Manager	248-3531
	A. Posinelli	Admin. Improvement Sect. Head	248-3531
Support Services	B. Smith	Communications Officer	248-3311
	B. Adams	Furniture Acq. Clerk	248-7138
AES Sales	P. Gibson	Acct. Rep.	593-6767
AES Education	M. Welsh-Doull	Marketing Support Rep.	593-6767
	C. Dykstra	Marketing Support Rep.	593-6767
AES Maintenance	K. Sing	Senior Technician	821-9773
INTERNAL			
Purchasing	J. Ryan	Purchasing Officer	248-3241
Accounts & Admin. Serv.	R. Arnold	Accts. Payable Clerk	248-3107

TECHNICAL PUBLICATIONS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
3/WORD PROCESSING-TYPESETTING (Cont'd)			
EXTERNAL			
AES Data Inc.	P. Gibson	Sales Representative	593-6767
	P. Cordish	Communications Expert	593-6767
	K. Singh	Technical Serviceman	821-9773
Stationary Service, MGS	J. Eldridge	Sales & Service Adv.	965-7072
Tech. Sup. Services, MGS	S. Stewart	Teleprocessing Spec.	248-3092
	B. Rafferty	Building Supt.	248-7138

CONSULTANTS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
AUTOMOTIVE TECHNOLOGY AND SYSTEMS OFFICE			
IBI Group	R. McDougal	Director	596-1930
R. Webb Corp.	Dr. R. Webb	President	(821)224-8460
DFC Systems	G.L. Tura	Director	(519)969-2240
Fiba Canning	J. Hutzel	General Mgr.	(519)299-1142
TRANSPORTATION ENERGY OFFICE			
Reed, Voorhees & Assoc. Ltd.	A. Lacey		445-4360
	B. Haigh	Associate	445-4360
McCormick Rankin Ltd.	B. Blay	Partner	274-3477
Marshall, Macklin, Monaghan Ltd.	H. Van Poorten	Associate	449-2500
	R.K. Wanless	Mgr., Transp. Plan.	449-2500
J. Parviainen, Ltd.	J. Parviainen	Principal	844-9945
Lang-Armour Assoc.	R. Lang	Principal	727-4177
Delcan Ltd.	S. Donat	Chief Road Plan. Eng.	441-4111
M.M. Dillon	J. Crosby	Dir., Transp. Dept.	229-4646
Teleconference Consultants	W. Cukier	Principal	923-5799
IBI Group	W.R. McDougall	Director	596-1930
	S. Stewart	Director	596-1930
TranPlan Assoc.	P. Wade	Associate	844-8347
Thorne, Stevenson & Kellogg	K. R. Griffin	Principal	483-4313
	L. Rucker	Principal	483-4313

CONSULTANTS
NETWORKING CONTACTS

Office/Company	Name	Title	Phone
RAIL TECHNOLOGY AND SYSTEMS OFFICE			
David D. Taylor & Associates	D. Taylor	Principal	(514)993-1083
Railway Engineering Associates	H.A. List	Principal	(215)865-5113
Transangle	Dr. F. Blader	Principal	(617)369-0077
TRANSIT CONTROL TECHNOLOGY & SYSTEMS OFFICE			
Cantel	D. Bun	Consultant	630-4700
Wismer & Becker	D. Gallagher	Manager	(916)381-3930
Cole Sherman Assoc.	L. McCartney	Associate	491-4503
Gellman Hayward	T. Clark		862-0430
NICAD Ltd.	D.A. Cain	President	(613)726-0367
TransVision	T. Geehan	President	(604)980-3881
IBI Group	N.A. Irwin	Managing Dir.	596-1930
SAGE	I.R. Moore	Vice-Pres.	596-1710
Can. Artificial Intelligence Prod.	P.K. MacKinnon	President	(613)727-0082
TECHNICAL PUBLICATIONS OFFICE			
Ashley Photog.	S. Tuckett	Freelance Artist	463-4943
Vision Graph. Des.	B. Lawrence	Design Consultant	762-4274
Angry Cow Graphics	D. Hobbs	Freelance Artist	925-1888
Pathe Video	M. Ann	Acct. Rep.	364-6720
Paul Beare & Assoc.	P. Beare	Freelance Graphic Design	485-5773